

What's New with ETP Version 1.5.1

The following topics are covered:

- New Features, Enhancements and Corrections
 - ETP 1.5.1 Compatibility with Earlier Releases
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New Features, Enhancements and Corrections

This section describes the new features, enhancements and corrections that apply to the Version 1.5.1 of the Entire Transaction Propagator (ETP).

- **Error Corrections:**
ETP Version 1.5.1 contains all zaps and INPL updates applied to ETP Version 1.4.1 as error corrections.
- **Database IDs:**
ETP now supports DBIDs in the range of 1 to 65535. However, the value of 255 remains excluded.
- **File Numbers:**
ETP now supports file numbers in the range of 1 to 65535.
- **Master Files and Log Files:**
The maximum number of master files per database has been increased to 512. Also, the maximum number of log files per database IDs has been increased to 512.
- **Replicate Files:**
For a specific log file, transactions may be replicated to up to 65535 databases. A specific replicate database may have a maximum of 512 replicate files defined for which transactions are replicated from that log file. Other log files may also have up to 512 replicate files belonging to that database.
- **Conversion of Existing Administration Files:**
Existing administration files will be converted automatically when the MENU program is started.
- **New Product Documentation Medium:**
The following changes and enhancements apply to the ETP product documentation:
 - As of ETP Version 1.5.1, the ETP product documentation is supplied online on CD-ROM as it is common practice for all Natural products.
 - Hardcopies of the documentation can be printed out from the PDF files that come with the documentation.
 - For reference purposes, the ETP Version 1.4.1 documentation has been included on the CD-ROM in PDF format.

For information about online documentation usage, see Documentation-Related Frequently Asked Questions (FAQ) on the Natural CD-ROM overview page.

ETP 1.5.1 Compatibility with Earlier Releases

It is essential that the ETPNUC module and the ETP Natural programs in library SYSETP have the same version. Using a Version 1.5.1 ETPNUC module with ETP Version 1.4.1 Natural programs - or vice versa - can cause unpredictable results.

The Natural parameter ETPSIZE is still accepted by Natural Version 3.1 or above, but it is no longer necessary to specify this parameter. The required storage (approx. 10 KB) will be automatically allocated when the first call to an ETP database is issued. Any value specified for the ETPSIZE parameter will be ignored. The size of the ETPSIZE parameter should be left at its default (ETPSIZE=0).

As the Natural DATSIZE parameter is automatically adjusted to the required length, it is no longer necessary to adjust the value of the Natural DATSIZE parameter for a Natural environment running a replication task. However, the DATSIZE in such an environment will be approximately 170 KB.

After ETP 1.5.1 is installed and when the "MENU" command is invoked for the first time in the ETP maintenance utility, the ETP administration file is automatically migrated to the ETP 1.5.1 format and an appropriate message is displayed.

Afterwards, any attempt to access the migrated administration file from an earlier version of the ETP maintenance utility is denied.

Before enabling the new ETP maintenance utility, all log files must be empty and all log and confirmation files must be accessible for the migration process. Migration of the administration file is performed automatically when the ETP1.5.1 maintenance utility is invoked for the first time. If a previous ETP version is installed, you should use the NATURAL utility SYSMAIN to delete the contents of library SYSETP before installing ETP 1.5.1. Following installation of ETP 1.5.1, the maintenance utility of any earlier ETP version will be denied access to the administration file.

Otherwise, ETP Version 1.5.1 is compatible with ETP Version 1.4.1. The FDT of the administration, log and confirmation files remains unchanged.